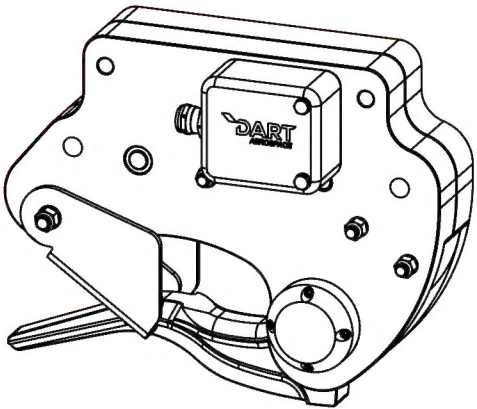
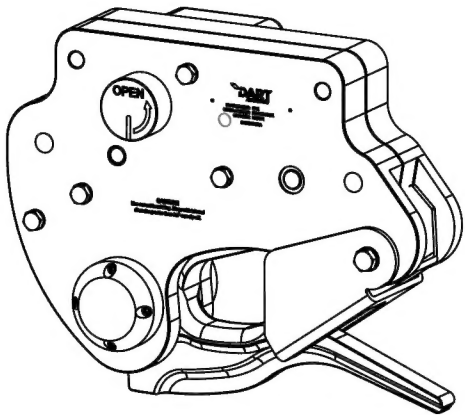






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ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
		B/O	C10-9-2	1	LATCH BEARING		(TORRINGTON #6NBC914YZP)	3
			C10-11	1	MANUAL RELEASE KNOB	6061		2
			C10-21-1	2	CLOCK SPRING	301		2
			C10-21-2	2	SPRING COVER	6061		2
		B/O	C10-41	1	STRAIN RELIEF CONNECTOR	BRASS	1/2 TRADE SIZE (MCMASTER-CARR #6907K14)	2
			C45-8-4	1	SOLENOID COVER GASKET	BLENDED RUBBER		2
			C45-8-5	1	SOLENOID COVER	6061		2
			C20-100	1	SIDE PLATE (MRK)	7075-T7351		2
		B/O	C20-120	3	LOCATING PIN	STEEL	Ø1/4 X 1-1/2 (MCMASTER-CARR #98381A546)	3
			C20-200	1	SIDE PLATE - SOLENOID SIDE	7075-T7351		2
			C20-220	2	UPPER LOCK BUMPER	POLYURETHANE		3
			C20-230	1	LOWER LOCK BUMPER	POLYURETHANE		3
		B/O	C20-240	2	#2 DRIVE SCREW 	COATED STEEL	1/8 (MCMASTER-CARR #90081A074)	2
			C20-300A	1	LOAD BEAM ASSEMBLY			2
			C20-321	2	BUSHING	ALUMINUM BRONZE 630		2
			C20-330	1	LOAD BEAM BUMPER	RUBBER		3
			C20-410	2	KEEPER BUSHING	SINTERED BRONZE	[SYMMCO #SF-1418-10] MODIFIED	2
			C20-400	1	KEEPER			2
		B/O	C20-440	1	KEEPER SPRING	303	Ø.102 X 15-1/8 DENDOFF SPRING	2
			C20-445	1	KEEPER SPRING SPACER	DELFIN	5/8 OD X 1/2 ID (MCMASTER-CARR #1830T149) MODIFIED	2
			C20-500A	1	LOCK ASSEMBLY			3
			C20-510	1	LOCK ROLLER SHAFT	4140/4142		3
			C20-520	1	LOCK ROLLER	4140/4142		3
		B/O	C20-540	2	LOCK SHAFT BUSHING	SINTERED BRONZE	[SYMMCO #SF-2028-12]	3
		B/O	C20-560	1	LOCK SPRING ANCHOR PIN	S.S.	Ø3/16 X 2 (MCMASTER-CARR #97395A618)	3
		B/O	C20-570	1	LOCK RETURN SPRING	302	Ø.04 WIRE DENDOFF	3
			C20-600A	1	BELL CRANK ASSEMBLY			3
			C20-610	1	LINK PIN - SHORT	O-1		3
		B/O	C20-650	1	BELL CRANK BUSHING - LONG	SINTERED BRONZE	[SYMMCO #SF-2432-12]	3
		B/O	C20-655	1	BELL CRANK BUSHING - SHORT	SINTERED BRONZE	[SYMMCO #SF-2432-08]	3
			C20-700	1	LEVER ARM	4140/4142		3
			C20-710	1	LEVER ARM PIVOT BEARING PIN	4140/4142	Ø 3/8 (MCMASTER-CARR #5252T315)	3
			C20-715	1	LEVER ARM BEARING PIN	01		3
		B/O	C20-720	1	LEVER ARM BEARING		[KAMAN 6NBF817YJ]	3
		B/O	C20-735	1	LEVER ARM RETURN SPRING	303	Ø.07 X 4-7/8 DENDOFF	3
		B/O	C20-740	1	LINK SPRING	303	Ø.04 X 9-7/8 DENDOFF	3
			C20-750	1	LINK	4140/4142		3
			C20-755	2	LEVER ARM BUSHING	4140/4142		3
			C20-760	2	LINK PIN - LONG	4140/4142		3
		B/O	C20-830	8	LOCK WASHER	STEEL	#10 (MCMASTER-CARR #91102A740)	2
			C20-900	1	SOLENOID ASSEMBLY			
		B/O	C45-3-2-1	2	SNAP RING	STEEL	Ø3/8 (KAMAN 1400-0037)	3
		B/O	C45-3-4-1	6	RETAINING RING	BERYLLIUM COPPER	3/16 SHAFT (MCMASTER-CARR #98410A110)	3
		B/O	C45-12-6	2	RETAINING RING	STEEL	[KAMAN #N1400-0050]	3
			600.1309	1	LABEL 	ALUMINUM		N/S
			600.1309-A	1	LABEL 	ALUMINUM		N/S
		B/O	600.1347	1	C10 WARNING LABEL 	VINYL	SIGNS NOW	N/S
		B/O	188-FSCS-1032-3/4	8	BOLT	STEEL	10-32 X 3/4 (MCMASTER-CARR #90128A945)	2
		B/O	188-FPSS-1032-1/4	2	LATCH SET SCREW	S.S.	10-32 X 1-1/4 (MCMASTER-CARR #94355A330)	3
		B/O	188-FPSS-1/4 20-3/8	2	SET SCREW	S.S.	1/4-20 X 3/8 (MCMASTER-CARR #92311A535)	2
		B/O	AN4-23A	2	SOLENOID COVER BOLT	STEEL	1/4-28 X 2.406	2
		B/O	AN6-35A	4	SIDE PLATE BOLT	STEEL	3/8-24 X 3.703	2
		B/O	AN7-41A	1	KEEPER BOLT	STEEL	7/16-20 X 4.219	2
		B/O	AN960-416	3	SOLENOID COVER WASHER	STEEL	Ø1/4	2
		B/O	AN960-416L	2	SOLENOID WASHER	STEEL	Ø1/4	2
		B/O	AN960-616	8	SIDE PLATE WASHER	STEEL	Ø3/8	2
		B/O	AN960-716	2	KEEPER BOLT WASHER	STEEL	Ø7/16	2
		B/O	MS21044N6	4	SIDE PLATE NUT	STEEL	3/8-24	2
		B/O	MS21044N7	1	KEEPER NUT	STEEL	7/16-20	2
		B/O	MS21083N4	2	NYLOCK NUT	STEEL	1/4-28	2
		B/O	MS27039-4-10	1	SOLENOID COVER SCREW	STEEL	1/4-24 X .656	2
			EL314-SJTOW	1	ELECTRICAL WIRE 3/14 SJTOW		(ITEXCAN 314-SJTOW 3/14)	3
		B/O	32448	2	16-14 AWG KNIFE CONNECTOR		(ALLIED ELECTRONICS #32448)	3
		B/O	EL-PLUG-M	1	MALE PLUG	PE High Density	(MCMASTER-CARR #7216K5)	3
		B/O		1	HEAT SHRINK TUBE	RUBBER	(MCMASTER-CARR #2595K2)	3

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0084	CH'D TITLEBLOCK WAS RED BARN IS DART. ADDED PART C20-445.	10/28/2014	DJN	JAG
2		UPDATED TO NEW DRAFTING STANDARDS. CH'D P/N'S WAS C20-245 IS 600.1309 . WAS C20-630 IS C10-11 . WAS C20-640 IS 188-FPSS-1/4 20-3/8 . WAS C20-705 IS 188-FPSS-1032-1/4 . WAS C20-800 IS C10-21-1 . WAS C20-810 IS C10-21-2 . WAS C20-940 IS C45-B-5 . WAS C20-950 IS C45-B-4 . WAS AN7-41 IS AN7-41A . 600.1347 & 600.1309-A ADDED TO BOM. 32448 DELETED. ADDED FOR REBUILD ONLY NOTES. ADDED ENGRAVING NOTES & DETAILS.	7/13/2015	DPD	JAG

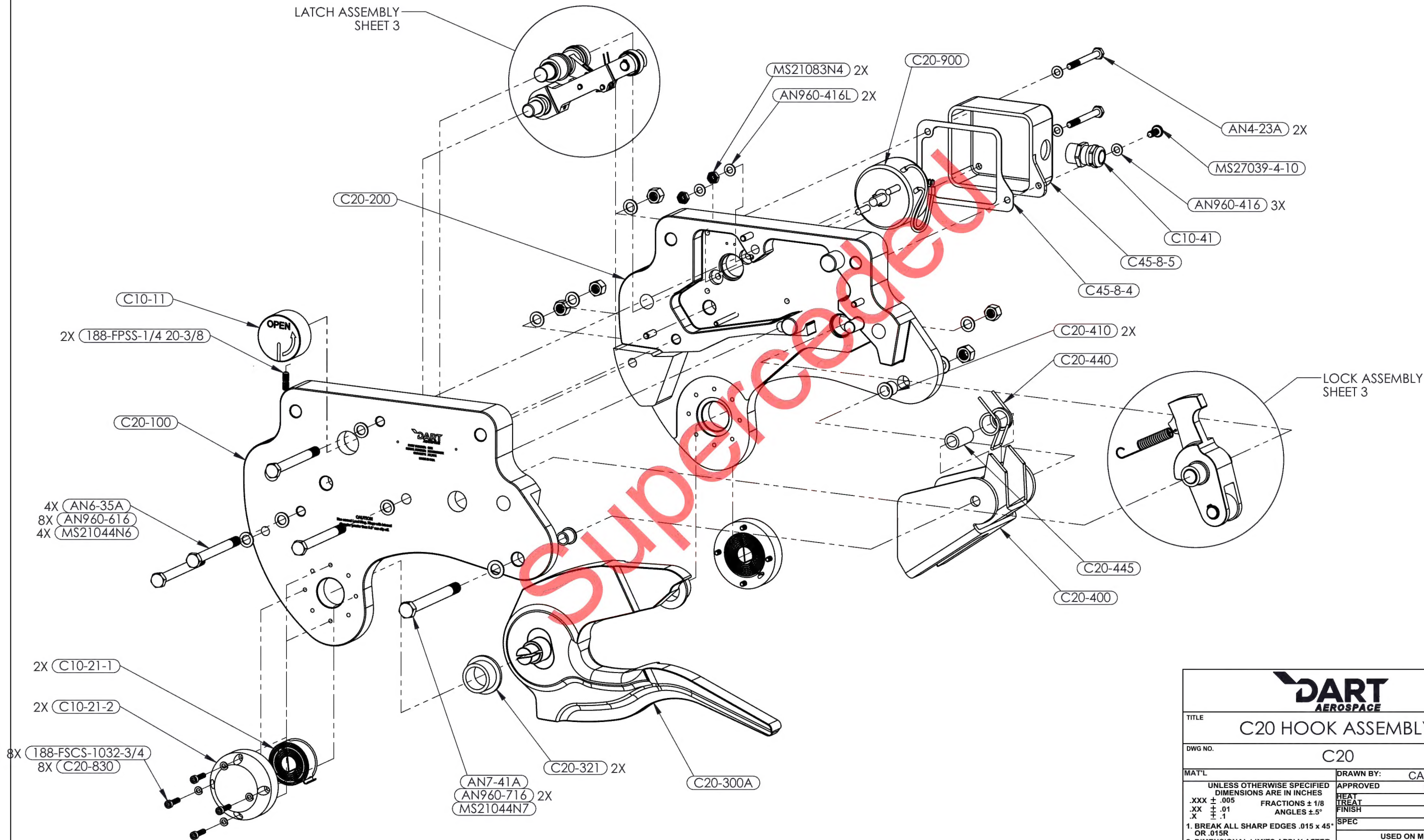


- NOTES:
-  FOR REBUILD ONLY.
-  FOR CUSTOMER REBUILD ONLY.

	
TITLE C20 HOOK ASSEMBLY	
DWG NO. C20	REV 2
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1	DRAWN BY: CANAM APPROVED  TREAT FINISH SPEC 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING USED ON MODEL
SCALE 1:6	DATE SHEET 1 OF 4

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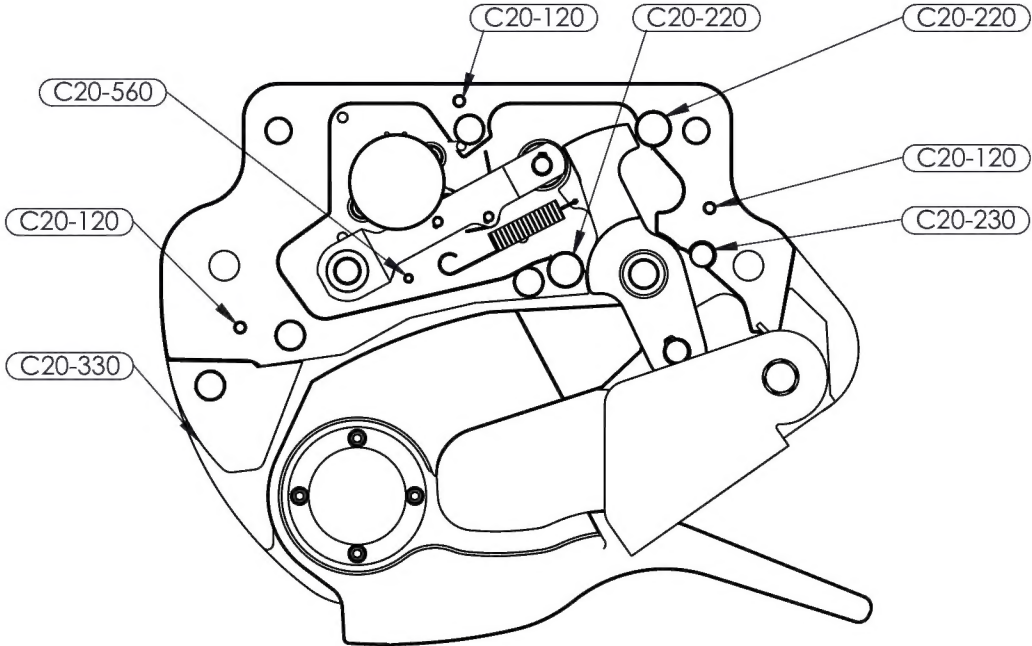
REV			REVISIONS		
REV	ECR		DESCRIPTION	DATE	INITIAL
					APPROVED



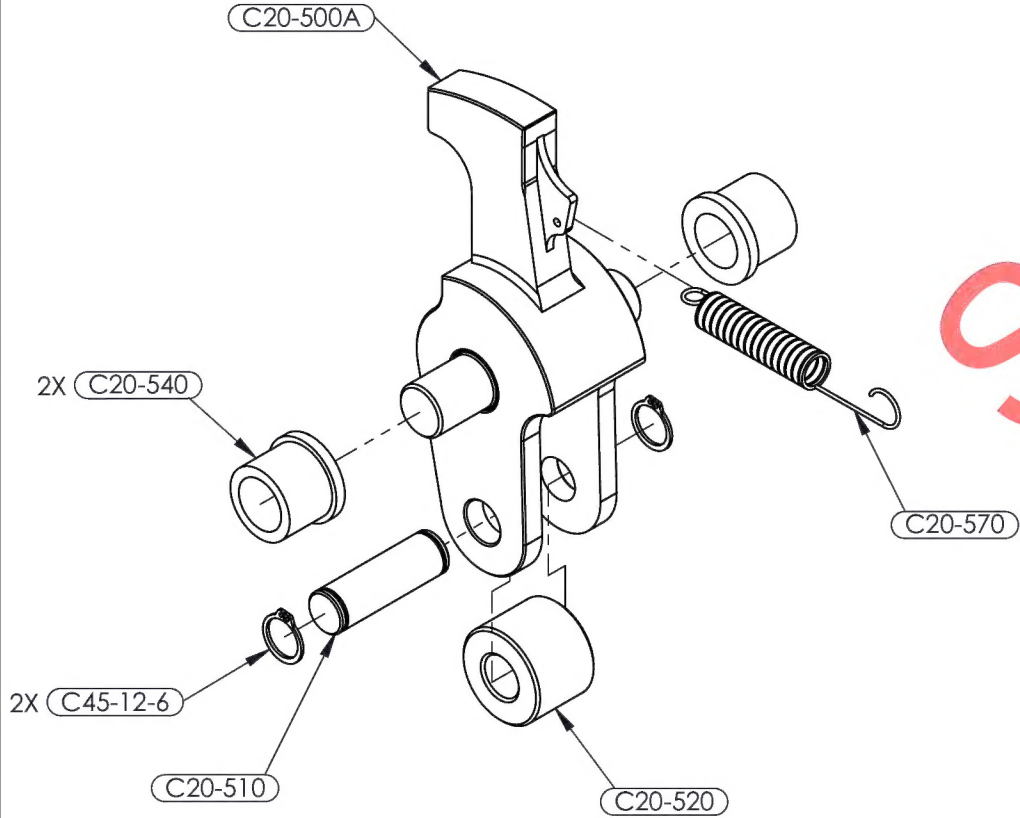
DART AEROSPACE		
TITLE C20 HOOK ASSEMBLY		
DWG NO. C20		REV 2
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	DRAWN BY: CANAM APPROVED: D Weil TREAT FINISH SPEC USED ON MODEL	
SCALE 1:4	DATE	SHEET 2 OF 4

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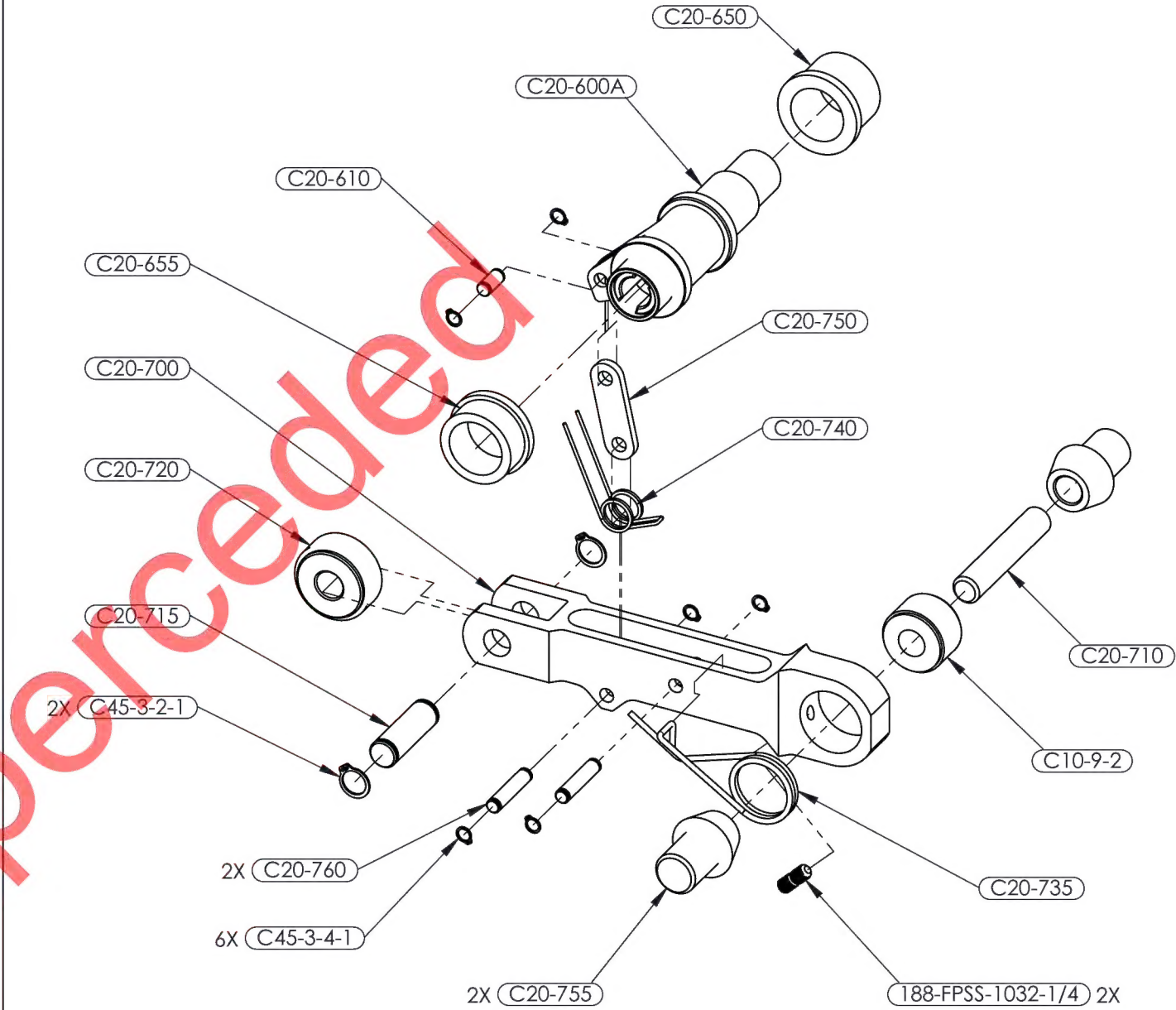
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



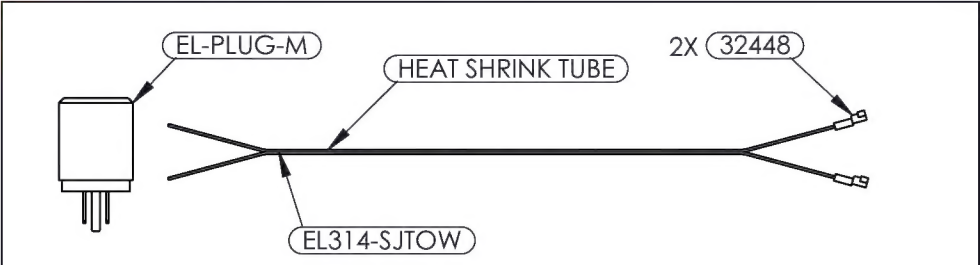
SIDE PLATE REMOVED TO SHOW INTERNAL COMPONENTS
SCALE: 1:4



LOCK ASSEMBLY



LATCH ASSEMBLY

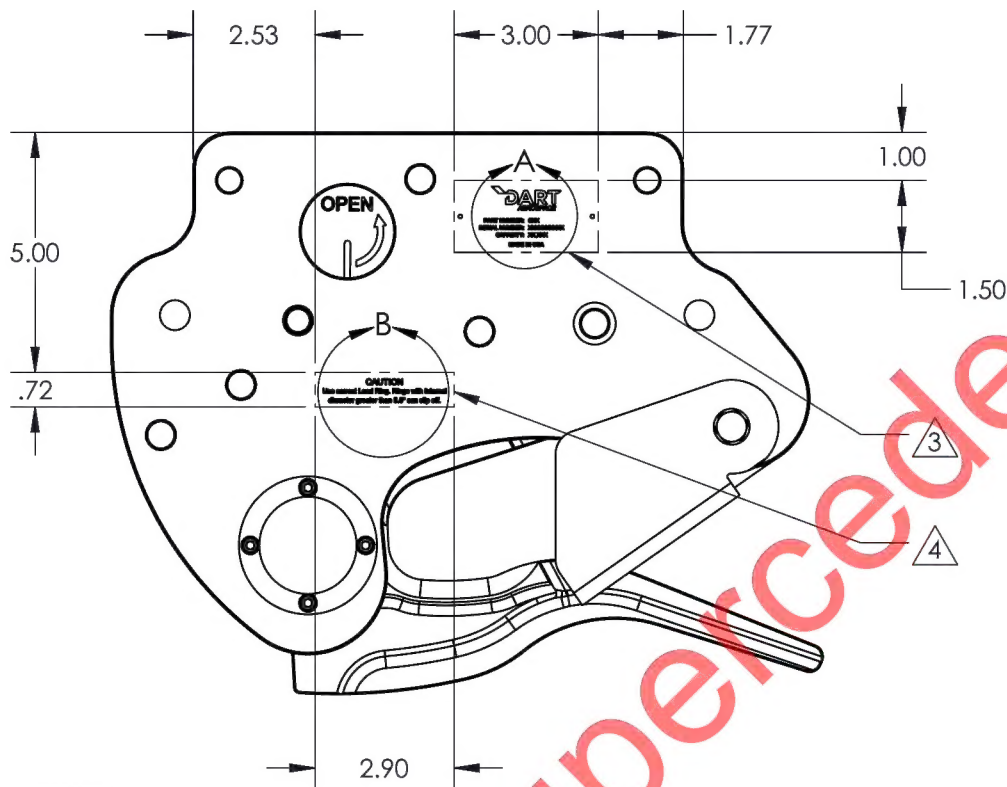


WIRE ASSEMBLY

DART AEROSPACE			
TITLE C20 HOOK ASSEMBLY			
DWG NO. C20			REV 2
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		DRAWN BY: CANAM APPROVED: D. Weil TREAT FINISH SPEC USED ON MODEL	
SCALE 1:2	DATE		SHEET 3 OF 4

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REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED



DETAIL A
SCALE 1 : 1



DETAIL B
SCALE 1 : 2

NOTE:

- ③ LASER ENGRAVE DART LOGO, P/N, S/N, CAPACITY, "MADE IN USA," WITHIN BOUNDARY.
- ④ LASER ENGRAVE CAUTION NOTE, WITHIN BOUNDARY.

DART AEROSPACE	
TITLE C20 HOOK ASSEMBLY	
DWG NO. C20	REV 2
MAT'L	DRAWN BY: CANAM
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED D Weil
.XXX ± .005	HEAT
.XX ± .01	TREAT
.X ± .1	FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
SCALE 1:4	DATE
SHEET 4 OF 4	